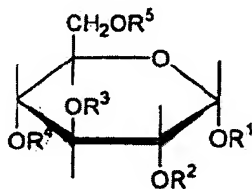


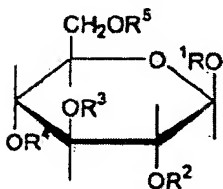
LISTING OF THE CLAIMS

1. (Previously Presented) A composition for preparing substances having a porous interlayer dielectric thin film, said composition comprising:

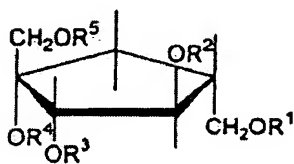
one or more of a monomeric saccharide derivative or an oligomeric saccharide derivative which is selected from the group consisting of monomeric saccharide derivatives represented by the following formulas (8) to (10), disaccharide derivatives represented by the following formulas (11) to (13) and a polymeric saccharide derivative represented by the following formula (14):



(8)

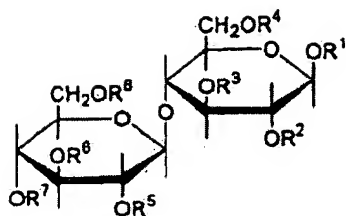


(9)

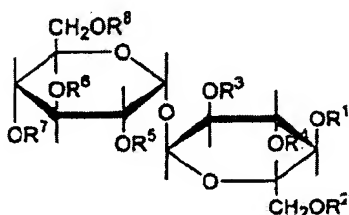


(10)

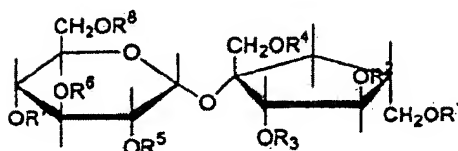
in which R¹, R², R³, R⁴ and R⁵ are independently a C₂₋₃₀ acyl group,



(11)

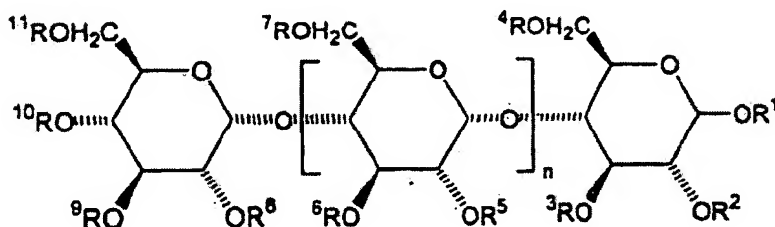


(12)



(13)

in which, $R^1, R^2, R^3, R^4, R^5, R^6, R^7$ and R^8 are independently a C_{2-30} acyl group, or



(14)

in which $R^1, R^2, R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}$ and R^{11} are independently a C_{2-30} acyl group;

a thermo-stable organic or inorganic matrix precursor; and

a solvent for dissolving both the saccharide derivative and the matrix precursor.

2. (Previously Presented) The composition according to claim 1, wherein the content of the monomeric and the oligomeric saccharide derivative is 0.1~95 wt.% of the solid components (the matrix precursor + the saccharide derivative).

3. (Previously Presented) The composition according to claim 1, wherein the content of the solvent is 20.0~99.9 wt.% of the compositions (the matrix precursor + the saccharide derivative + the solvent).

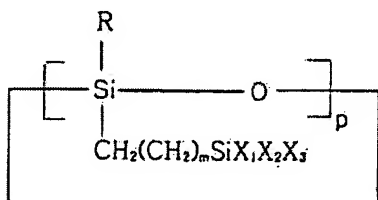
Claims 4-6 (Cancelled).

7. (Previously Presented) The composition according to claim 1, wherein the monomeric saccharide or oligomeric saccharide derivative is glucopyranose pentabenzoate, glucose pentaacetate, galactose pentaacetate, sucrose octabenzoate, or sucrose octaacetate.

8. (Original) The composition according to claim 1, wherein the matrix precursor is silsesquioxane, alkoxysilane sol, or siloxane-based polymer.

9. (Original) The composition according to claim 8, wherein the silsesquioxane is hydrogen silsesquioxane, alkyl silsesquioxane, aryl silsesquioxane, or a copolymer thereof.

10. (Original) The composition according to claim 1, wherein the matrix precursor is a siloxane-based resin which is prepared by the hydrolysis and polycondensation of one or more monomers selected from the group consisting of compounds represented by the following formulas (1) to (4), using a catalyst and water in an organic solvent:



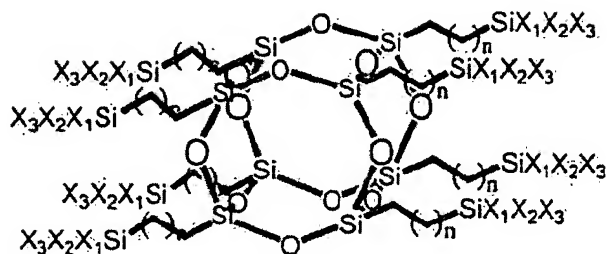
(1)

in which, R is a hydrogen atom, a C₁₋₃ alkyl group, a C₃₋₁₀ cycloalkyl group, or a C₆₋₁₅ aryl group;

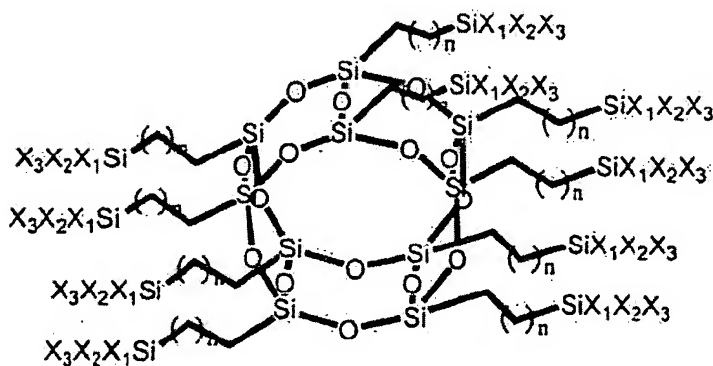
X₁, X₂, and X₃ are independently a C₁₋₃ alkyl group, a C₁₋₁₀ alkoxy group, or a halogen atom, and at least one of them is a hydrolysable group;

p is an integer ranging from 3 to 8;

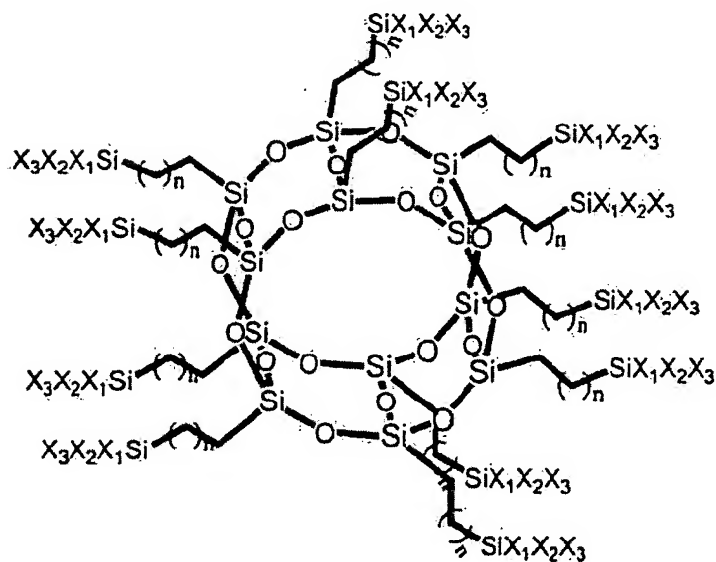
m is an integer ranging from 0 to 10; and



(2)



(3)

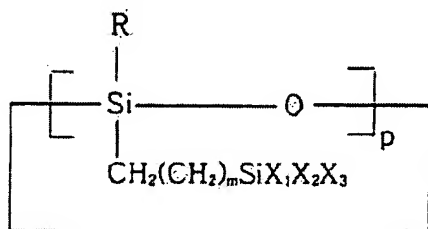


(4)

in which, X₁, X₂ and X₃ are independently a C₁₋₃ alkyl group, a C₁₋₁₀ alkoxy group, or a halogen atom, and at least one of them is hydrolysable; and

n is an integer ranging from 1 to 12.

11. (Previously Presented) The composition according to claim 1, wherein the matrix precursor is a siloxane-based resin which is prepared by hydrolysis and polycondensation of a mixture of one or more monomers selected from the group consisting of compounds represented by the following formulas (1) to (4) together with one or more silane-based monomers selected from the group consisting of compounds represented by the following formulas (5) to (7) using a catalyst and water in an organic solvent:



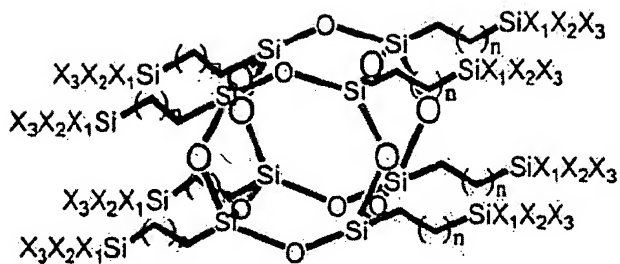
(1)

in which, R is a hydrogen atom, a C₁₋₃ alkyl group, a C₃₋₁₀ cycloalkyl group, or a C₆₋₁₅ aryl group;

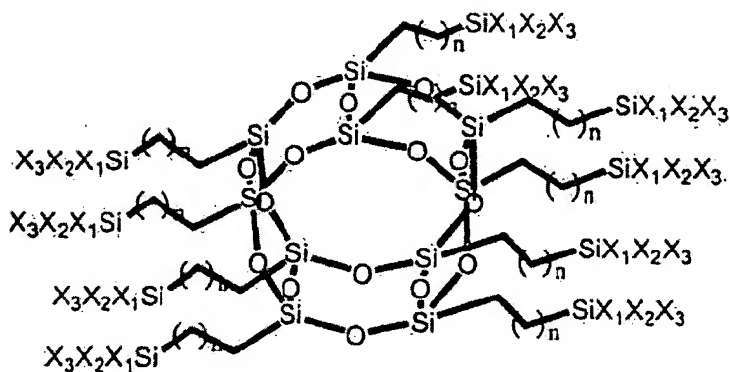
X₁, X₂ and X₃ are independently a C₁₋₃ alkyl group, a C₁₋₁₀ alkoxy group, or a halogen atom, and at least one of them is a hydrolysable group;

p is an integer ranging from 3 to 8;

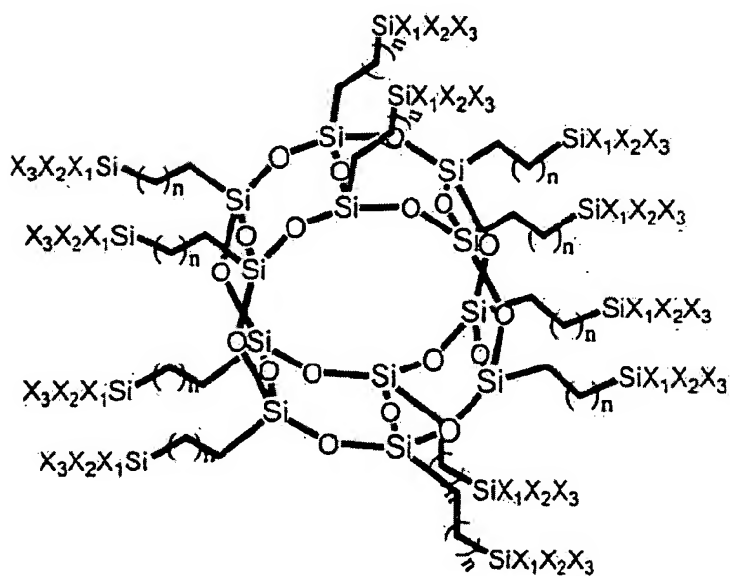
m is an integer ranging from 0 to 10; and



(2)



(3)



(4)

in which, X_1 , X_2 and X_3 are independently a C_{1-3} alkyl group, a C_{1-10} alkoxy group, or a halogen atom, and at least one of them is hydrolysable;

n is an integer ranging from 1 to 12; and



in which R_1 and R_2 are respectively a hydrogen atom, a C_{1-3} alkyl group, a C_{3-10} cycloalkyl group, or a C_{6-15} aryl group; and

X_1 , X_2 , X_3 and X_4 are independently a C_{1-3} alkyl group, a C_{1-10} alkoxy group, or a halogen atom.

12. (Original) The composition according to claim 10, wherein the content of the matrix precursor is more than 10 mol%.

13. (Original) The composition according to claim 11, wherein the content of the matrix precursor is more than 10 mol%.

14. (Original) The composition according to claim 11, wherein the mole ratio of the siloxane monomers having a cyclic or cage structure to the silane-based monomers is 0.99:0.01~0.01:0.99.

15. (Original) The composition according to claim 1, wherein the matrix precursor is a polyimide, polybenzocyclobutene, a polyarylene, or a mixture thereof.

16. (Original) The composition according to claim 1, wherein the solvent is an aromatic hydrocarbon-based solvent, a ketone-based solvent, an ether-based solvent, an acetate-based solvent, an amide-based solvent, γ -butyrolactone, a silicon-based solvent, or a mixture thereof.

17-21. (Cancelled).